

## Product datasheet

# Anti-DBF4 antibody [EPR5635] ab124707

リコンビナント RabMAb®

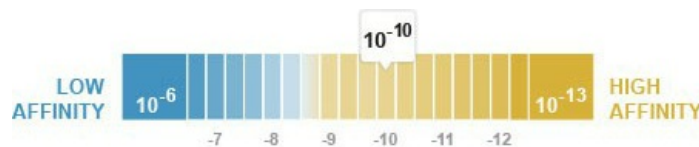
★★★★☆ 3 Abreviews 1 References 画像数 2

### 製品の概要

製品名	Anti-DBF4 antibody [EPR5635]
製品の詳細	Rabbit monoclonal [EPR5635] to DBF4
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> Flow Cyt, ICC/IF, IHC-P or IP
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide corresponding to residues in Human DBF4 protein (Q9UBU7).
ポジティブ・コントロール	PC-3, Jurkat, SW480, and HepG2 cell lysates.
特記事項	This product is a recombinant rabbit monoclonal antibody.  Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.  Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 2.49 x 10 <sup>-10</sup> M



[Learn more about K<sub>D</sub>](#)

バッファー	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR5635
アイソタイプ	IgG

## アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab124707** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB	★★★★★	1/10000 - 1/50000. Predicted molecular weight: 77 kDa.

## 追加情報

Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

## ターゲット情報

### 機能

Regulatory subunit for CDC7 which activates its kinase activity thereby playing a central role in DNA replication and cell proliferation. Required for progression of S phase. The complex CDC7-DBF4A selectively phosphorylates MCM2 subunit at 'Ser-40' and 'Ser-53' and then is involved in regulating the initiation of DNA replication during cell cycle.

### 組織特異性

Highly expressed in testis and thymus. Expressed also in most cancer cells lines.

### 配列類似性

Contains 2 BRCT domains.  
Contains 1 DBF4-type zinc finger.

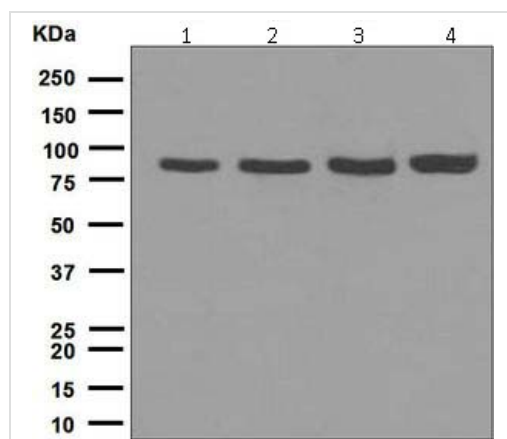
### 翻訳後修飾

Phosphorylated upon DNA damage, probably by ATM or ATR.

### 細胞内局在

Nucleus.

## 画像



Western blot - Anti-DBF4 antibody [EPR5635]  
(ab124707)

**All lanes** : Anti-DBF4 antibody [EPR5635]  
(ab124707) at 1/10000 dilution

**Lane 1** : PC-3 cell lysates

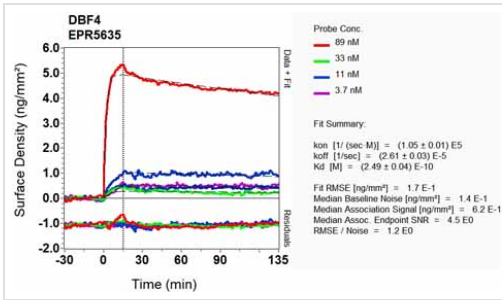
**Lane 2** : Jurkat cell lysates

**Lane 3** : SW480 cell lysates

**Lane 4** : HepG2 cell lysates

Lysates/proteins at 10 µg per lane.

**Predicted band size** : 77 kDa



Other-Anti-DBF4 antibody [EPR5635](ab124707)

Equilibrium disassociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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